

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-20 (Canceled).

Claim 21 (Currently Amended): An installation for treatment of effluents,
comprising:

means for subjecting a flow of the effluents to a solid/liquid separation operation; and

means for subjecting the flow of the effluents to a pulsed electric field that has an
effect of modifying physicochemical and biologic characteristics, the modifying being used
during a solid/liquid separation,

the means for subjecting the flow of the effluents to the solid/liquid separation
operation and the means for subjecting the flow of the effluents to the pulsed electric field
being located at different locations along the effluent flow, wherein the means for subjecting
the flow of the effluent to the pulsed electric field operates according to a discharge mode,
the discharge mode being obtained by pulse discharge of a capacitor powered by a dc power
supply, discharged through a load inductor ~~and having adjustable voltage value, current
value, pulse repetition frequency, and voltage front shape characteristics, said load and an
inductor connected in parallel with said means for subjecting the flow of the effluents to a
pulsed electric field for reducing a voltage limiting a charge current~~ applied to the effluents
during pulse discharging of the capacitor.

Claim 22 (Previously Presented): An installation according to claim 21, wherein the
means for subjecting the flow of the effluents to the pulsed electric field operates according

to a charge and discharge mode, the charge mode being obtained by pulse charge of a capacitor powered by a dc power supply.

Claim 23 (Previously Presented): An installation according to claim 21, wherein the means for subjecting the effluent flow to the solid/liquid separation operation comprises membrane filtration means.

Claim 24 (Previously Presented): An installation according to claim 23, wherein the membrane filtration means is chosen from among tangential filtration, frontal filtration, and semi-frontal type filtration means.

Claim 25 (Cancelled)

Claim 26 (Previously Presented): An installation according to claim 21, wherein the pulsed electric field has characteristics adjusted so that the modifying of physicochemical and biological characteristics enables hydrolysis of dissolved substances, aggregation of colloids, complete or partial destruction of microorganisms, and simultaneous activation of remaining microorganisms.

Claim 27 (Currently Amended): An installation for treatment of effluents, comprising:

a solid/liquid separator located at a first location in an effluent flow stream and configured to subject a flow of the effluents to a solid/liquid separation operation; and

an effluent treatment unit located at a second location different than the first location and configured to subject the flow of the effluents to a pulsed electric field,

said effluent treatment unit including an effluent treatment head, a dc power supply, a capacitor powered by ~~[[a]]~~ said dc power supply, a load inductor, and a switch configured to discharge the capacitor through the effluent treatment head and the load inductor in a discharge mode, ~~wherein the discharge mode having adjustable voltage value, current value, pulse repetition frequency, and voltage front shape characteristics; and~~

~~said load~~ an inductor connected in parallel with said effluent treatment head for reducing a voltage limiting a charge current applied to the effluent treatment head during pulse discharging of the capacitor.